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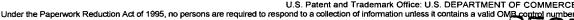
PTO/SB/17 (10-03)

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FEE TRANSMITTAL			Application Number			7581			
for FY 2004			Filing Date			5, 2001	En	ζC,	
Effective 10/01/2003. Patent fees are subject to annual revision.			First Named Inventor			Л. Fader Et. Al.	CE	TEA 1000	
Applicant claims small entity status. See 37 CFR 1.27		Examiner Name			Delia I	M Ramirez		EA	
		Art Unit			1652			1000	
TOTAL AMOUNT OF PAYMENT (\$) 950.00)	Attorr	ney Do	cket N	o. BB133	9 US PCT		<u></u>	
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)							
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Deposit Account 04-1928	Cod		Code		Fee	Description		Fee Paid	
Number	105	1 130	2051	65	Surcharge - la	te filing fee or oath			
Deposit Account E. I. du Pont de Nemours and Company	105	2 50	2052		Surcharge - lat cover sheet	te provisional filing for	ee or		
Name The Director is authorized to: (check all that apply)	105	3 130	1053		Non-English s				
Charge fee(s) indicated below Credit any overpayments	181	2 2,520	1812		• •	uest for ex parte ree			
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to the above-identified deposit account.	125	1 110	2251			reply within first mor	nth		
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1. BASIC FILING FEE arge Entity Small Entity	125		2253	475	Extension for	reply within third mo	onth	950.00	
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1002 340 2002 170 Design filling fee	140	1 330	2401	165	Notice of App	eal		L!	
1003 530 2003 265 Plant filing fee	140	2 330	2402		• • •	n support of an appe	eal	L	
1004 770 2004 385 Reissue filing fee	140	3 290	2403	145	Request for or	ral hearing		!	
1005 160 2005 80 Provisional filing fee	145	1 1,510	1451	1,510	Petition to inst	itute a public use pr	oceeding		
SUBTOTAL (1) (\$) 0.00	145	2 110	2452	55	Petition to revi	ive - unavoidable			
		3 1,330	2453	665	Petition to rev	ive - unintentional			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from	150	1 1,330	2501	665	Utility issue fe	e (or reissue)			
Extra Claims below Fee Paid	150	2 480	2502	240	Design issue	fee			
Total Claims	150	3 640	2503	320	Plant issue fe	е			
Claims ^ ^	146	0 130	1460	130	Petitions to th	e Commissioner			
	180	7 50	1807	50	Processing fe	e under 37 CFR 1.1	7(q)		
Large Entity Small Entity Fee Fee Fee Fee Fee Description	180	6 180	1806			Information Disclos			
Code (\$)	802	1 40	8021	40	property (time	ch patent assignmen s number of propert	nt per ies)		
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**or number previously paid, if greater; For Reissues, see above *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 950.00									
SUBMITTED BY (Complete (if applicable))									
Name (Print/Type) Lori \(\frac{1}{2} \) Beardell \(\frac{1}{2} \) Registration No. 34,293 Telephone (302) 992-4926									

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



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Lisa Z. Gurner Signature

BB1339 US PCT 09/857681 Response - 50 pages Declaration under 37 CFR 1.131 Exhibit A - Laboratory Notebook of Dr. Brian McGonigle Pages 64-69, 79 and 80 Curriculum Vitae of Dr. Brian McGonigle Entrez Report Replacement Figures - 29 pages Petition for Extension of Time Fee Sheet Postcard

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DEC 1 0 2003

E APPLICATION OF:

GARY M. FADER ET. AL.

APPLICATION NO.: 09/857581

GROUP ART UNIT: 1652

FILED: JUNE 05, 2001

EXAMINER: D. M. RAMIREZ

FOR: NUCLEIC ACID FRAGMENTS

ENCODING ISOFLAVONE SYNTHASE

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

RESPONSE

Sir:

This is submitted in response to the Office Action dated 03 June 2003 (hereinafter "Office Action"). A petition for a three (3) -month extension of time accompanies this response.

The Office Action set forth a three month shortened statutory period of response. As the instant response is due December 03, 2003, with a three (3) month extension of time. Please charge any fees or credit any overpayment of fees which are required in connection herewith to Deposit Account No. 04-1928 (E. I. du Pont de Nemours and Company).

Applicants respectfully request reconsideration and submit the following in support thereof. Please amend the application as follows:

Amendments to the specification begin on page 2 of this paper.

Amendments to the claims are reflected in the listing of claims which begins on page 4 of this paper.

Remarks begin on page 44 of this paper.

Amendments to the drawings accompany this paper and include attached replacement sheets.

A Declaration pursuant to 37 C.F.R. §1.131 of Dr. Brian McGonigle, and attachments thereto, accompanies this paper.